



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/042,992
				Filing Date	January 9, 2002
				First Named Inventor	Damon Ray Black
				Art Unit	3762
				Examiner Name	Not yet assigned
Sheet	1	of	2	Attorney Docket Number	02-004DIV2 (ANSI01-00039)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number- Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA	us. 4,285,347	08/25/1981	Hess	
	BB	us. 4,369,791	01/25/1983	Friedman	
	AC	us. 4,374,527	02/22/1983	Iversen	
	AD	us. 4,379,462	04/12/1983	Borkan et al.	
	AE	us. 4,432,377	02/21/1984	Dickhadt	
	AF	us. 4,437,474	03/20/1984	Peers-Trevarton	
	AG	us. 4,458,695	07/10/1984	Peers-Trevarton	
	AH	us. 4,514,589	04/30/1985	Aldinger et al.	
	AI	us. 4,549,556	10/29/1985	Tarjan et al.	
	AJ	us. 4,592,372	06/03/1986	Beranek	
	AK	us. 4,699,157	10/13/1987	Shonk	
	AL	us. 5,121,754	06/16/1992	Mullett	
	AM	us. 5,330,521	07/19/1994	Cohen	
	AN	us. 5,374,285	12/20/1994	Vaiani et al.	
	AO	us. 5,417,208	05/23/1995	Winkler	
	AP	us. 5,458,629	10/17/1995	Baudino et al.	
	AR	us. 5,555,618	09/17/1996	Winkler	
	AS	us. 5,562,722	10/08/1996	Racz et al.	
	AT	us. 5,827,272	10/27/1998	Breining et al.	
		US.			

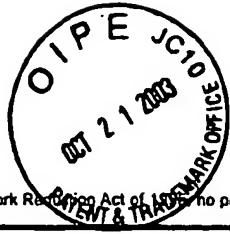
FOREIGN PATENT DOCUMENTS

Examiner Signature  **Date Considered** 7/11/05

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		First Named Inventor	Damon Ray Black
		Art Unit	3762
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Sheet	2	of	2
		Attorney Docket Number	

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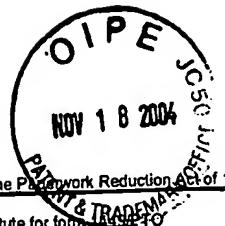
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PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/042,992
Filing Date	January 9, 2002
First Named Inventor	Damon Ray Black
Art Unit	3729
Examiner Name	Rick K. Chang
Attorney Docket Number	02-004DIV2 (ANSI01-00039)

U. S. PATENT DOCUMENTS

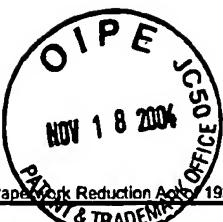
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		Number-Kind Code ² (if known)			
	AA	US- 3,333,045	07/25/1967	Fisher et al.	
	AB	US- 3,367,339	02/06/1968	Sessions	
	AC	US- 3,416,534	12/17/1968	Quinn	
	AD	US- 3,596,662	08/03/1971	Bolduc	
	AE	US- 3,825,015	07/23/1974	Berkovits	
	AF	US- 4,161,952	07/24/1979	Kinney et al.	
	AG	US- 4,469,104	09/04/1984	Peers-Trevarton	
	AH	US- 4,485,268	11/27/1984	Kaplan	
	AI	US- 4,498,482	02/12/1985	Williams	
	AJ	US- 4,559,951	12/24/1985	Dahl et al.	
	AK	US- 4,572,605	02/25/1986	Hess	
	AL	US- 4,608,986	09/02/1986	Beranek et al.	
	AM	US- 4,651,751	03/24/1987	Swendson et al.	
	AN	US- 4,934,049	06/19/1990	Kiekhafer et al.	
	AO	US- 4,947,866	08/14/1990	Lessar et al.	
	AP	US- 5,304,219	04/19/1994	Chernoff et al.	
	AQ	US- 5,409,461	04/25/1995	Steinman	
	AR	US- 5,466,253	11/14/1995	Doan	
	AS	US- 5,483,022	01/09/1996	Mar	

FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

2

Complete if Known

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Art Unit	3729
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Attorney Docket Number	02-004DIV2 (ANSI01-00039)

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